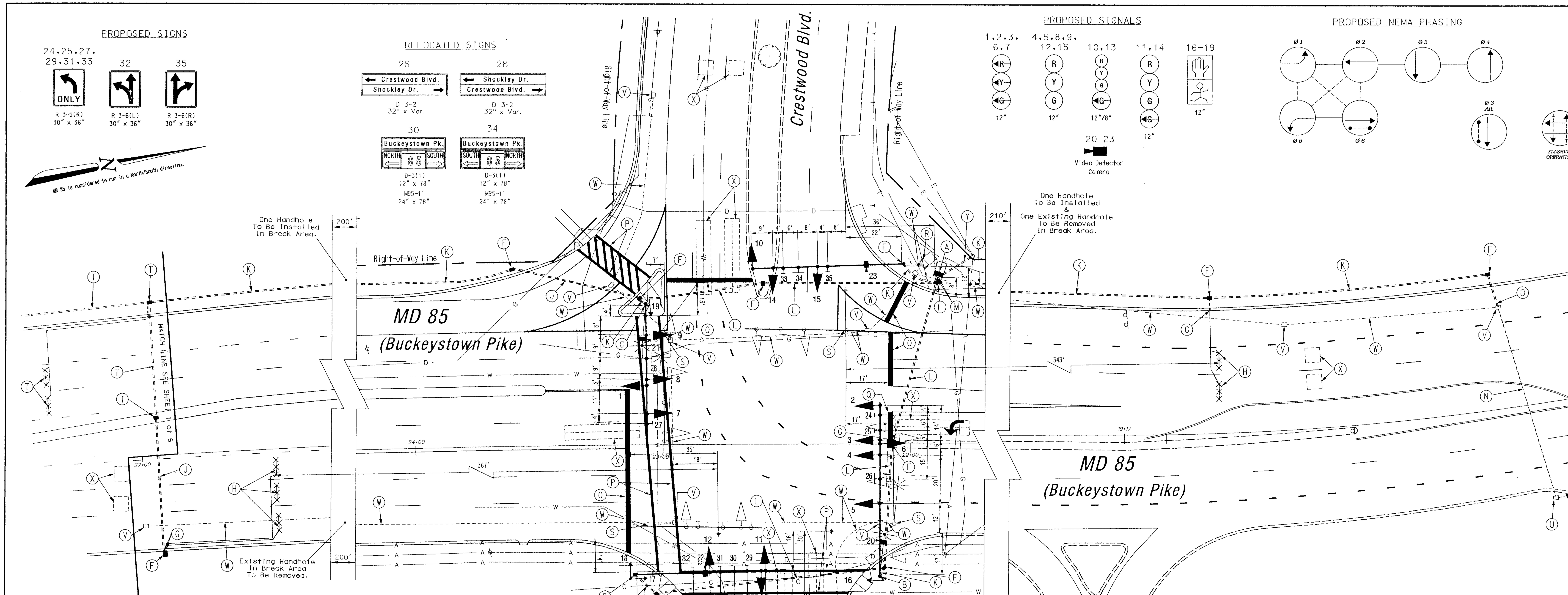

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet, and necessary equipment for an underground electrical (MD-SHA Type B-13) service. Install existing controller in new cabinet
B. Install 27 ft. steel mast arm pole with a 70 ft. mast arm, vehicle signal heads, pedestrian signal head, signs, 15 ft. luminaire arm, 250 watt HPS luminaire, and video detector camera. Install relocated existing street name sign. (Note: one 3 in. PVC conduit bend).
C. Install 27 ft. steel mast arm pole with a 60 ft. mast arm, vehicle signal heads, pedestrian signal head, pedestrian pushbutton, pedestrian pushbutton sign, signs, 15 ft. luminaire arm, 250 watt HPS luminaire, and video detector camera. Install relocated existing street name sign. (Note: one 3 in. PVC conduit bend).
D. Install 27 ft. steel mast arm pole with a 60 ft. mast arm, vehicle signal heads, pedestrian signal heads pedestrian pushbutton, pedestrian pushbutton sign, signs, 15 ft. luminaire arm and video detector camera. Install relocated existing street name sign. (Note: one 3 in. PVC conduit bend).
E. Install 27 ft. steel mast arm pole with 60 ft. mast arm, vehicle signal heads, signs, 15 ft. luminaire arm, and video detector camera. Install relocated existing street name sign. (Note: one 3 in. PVC conduit bend).
F. Install handhole.
G. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
H. Install mirco-loop probe (set of 3) prior to final pavement overlay.
J. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway prior to final pavement overlay.
K. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
L. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway prior to final pavement overlay.
M. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
N. Use existing conduit.
O. Extend existing conduit run to new handhole with 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
P. Install 12 in. wide pavement marking - white for crosswalk.
Q. Install 24 in. wide pavement marking - white for stop line.
R. Remove existing cabinet and all attached equipment. Existing controller to be relocated to new cabinet.
S. Remove existing mast arm and all attached equipment. Relocate existing street name sign.
T. Installed as part of the MD 85 @ Westview/ MD-SHA Entrance traffic signal plan.
U. Use existing handhole. Pull back existing I/C cable and rerun in new conduit back to cabinet.
V. Remove existing handhole.
W. Cap and abandon existing conduit.
X. Abandon existing loop detector.
Y. Proposed underground electrical service by Allegheney Power Company.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Loop detectors and conduits shall be installed prior to the installation final pavement overlay and final pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. Revision 'D ' is a revision to the traffic signal built in December 1997.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND

═ ═ ═	EXISTING GEOMETRICS
═══	PROPOSED GEOMETRICS

UTILITY LEGEND

— G — G —	GAS MAIN
— W — W —	WATER MAIN
— S — S —	SEWER MAIN
— E — E —	ELECTRIC CABLES
— D — D —	STORM DRAIN
— A — A —	AERIAL CABLES
— T — T —	TELEPHONE CABLES

Revision "D"

The Traffic Group

The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601

REVISIONS

(D) Reconstruct traffic signal due to geometric changes. June 27, 2001
S.H.A. No.:BW996M82
jjd/fjh

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

MD 85 at Crestwood Blvd./Shockley Drive

DRAWN BY:	W. J. Nies	F.A.P. NO.	N/A	TS NO. 2619D	SHEET NO.
CHECKED BY:	R. R. Zacherl	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	Frederick County	T.I.M.S. NO. E570	3 OF 7
DATE:	December 5, 1997	LOG MILE:	10008508.62		

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